

ABSTRACT OF THE DISCLOSURE

Prokaryotic FAB G polypeptides and DNA (RNA) encoding such FAB G and a procedure for producing such polypeptides by recombinant techniques is disclosed. Also disclosed are methods for utilizing such FAB G for the treatment of infection, such as bacterial infections. Antagonists against such FAB G and their use as a therapeutic to treat infections, such as staphylococcal infections are also disclosed. Also disclosed are diagnostic assays for detecting diseases related to the presence of FAB G nucleic acid sequences and the polypeptides in a host. Also disclosed are diagnostic assays for detecting polynucleotides encoding FAB G and for detecting the polypeptide in a host.